

A

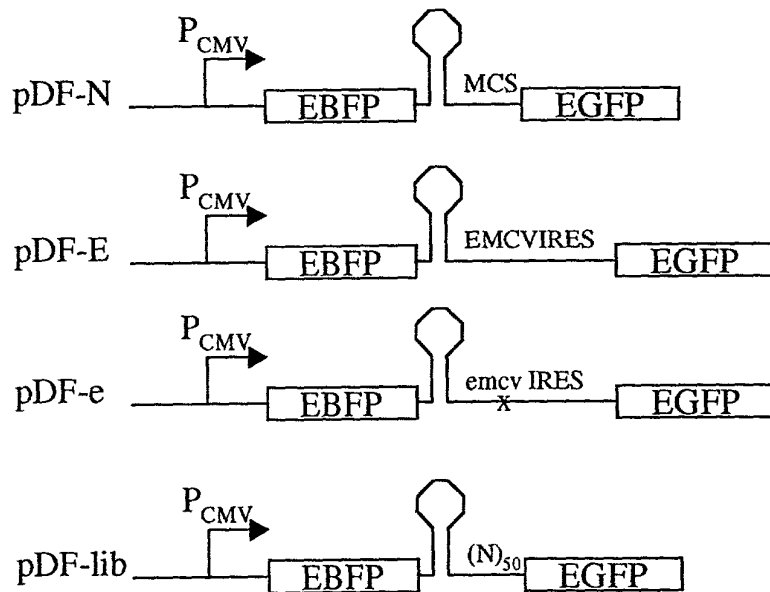
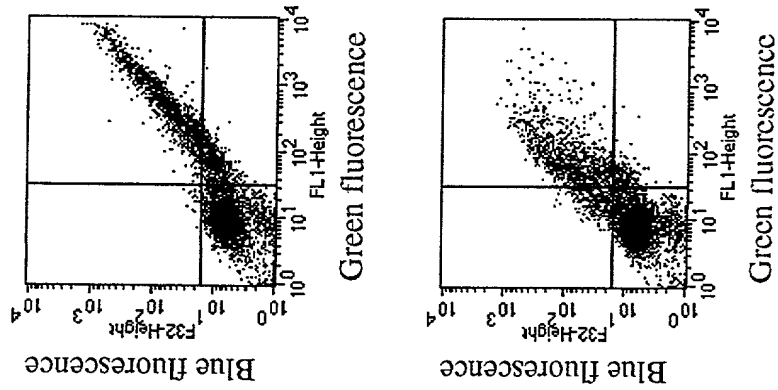


FIGURE 1a

B

pDF-E



pDF-e

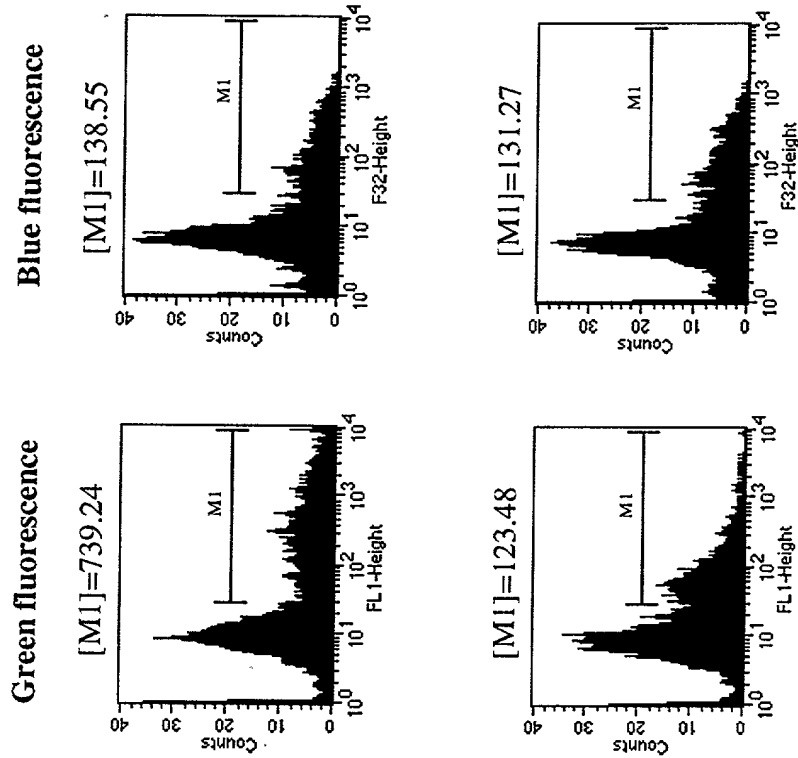
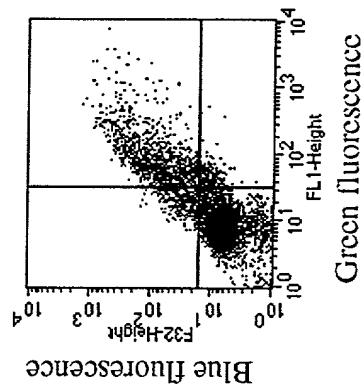
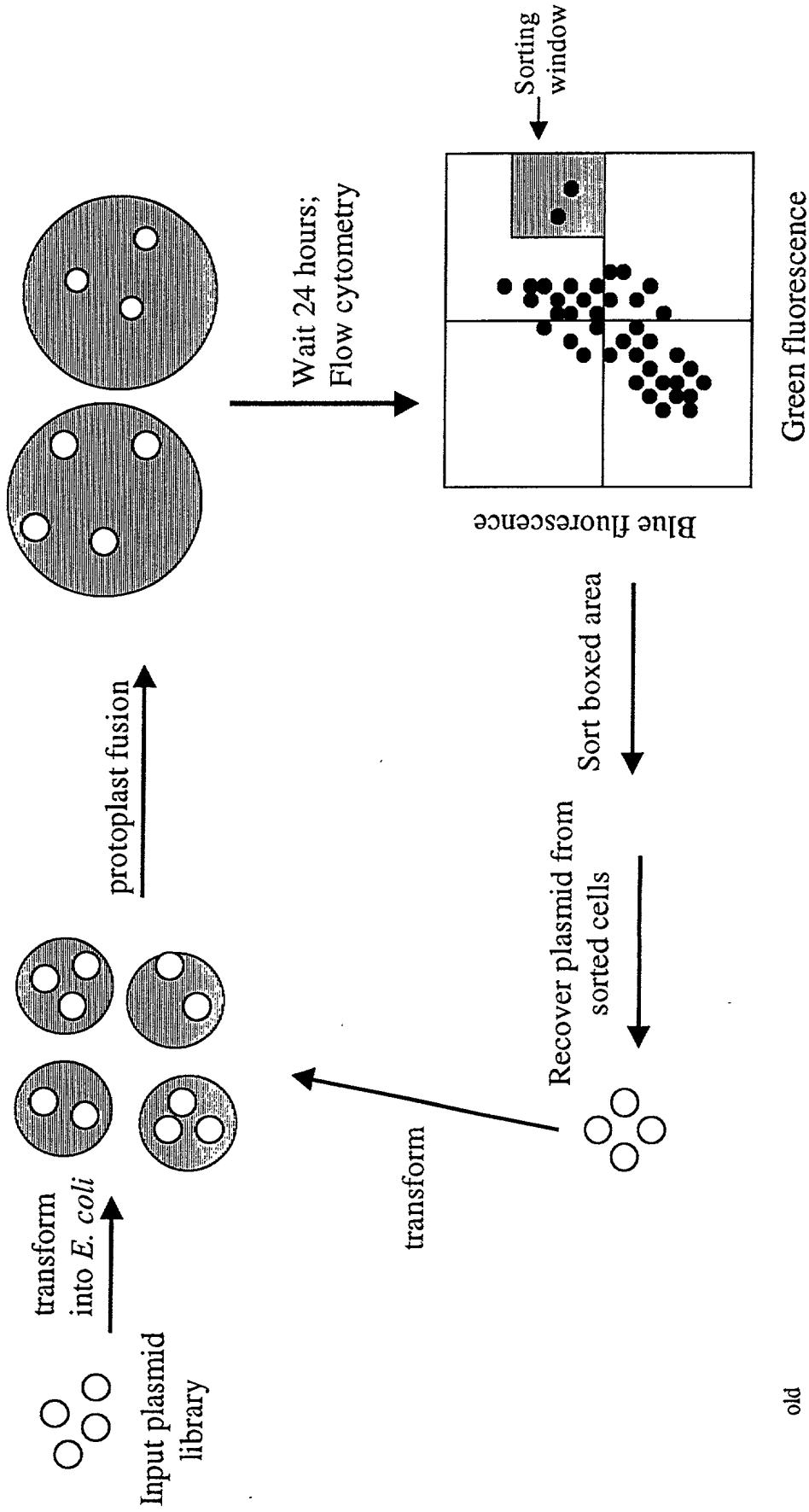


FIGURE 1b

old

A



old

FIGURE 2a

B

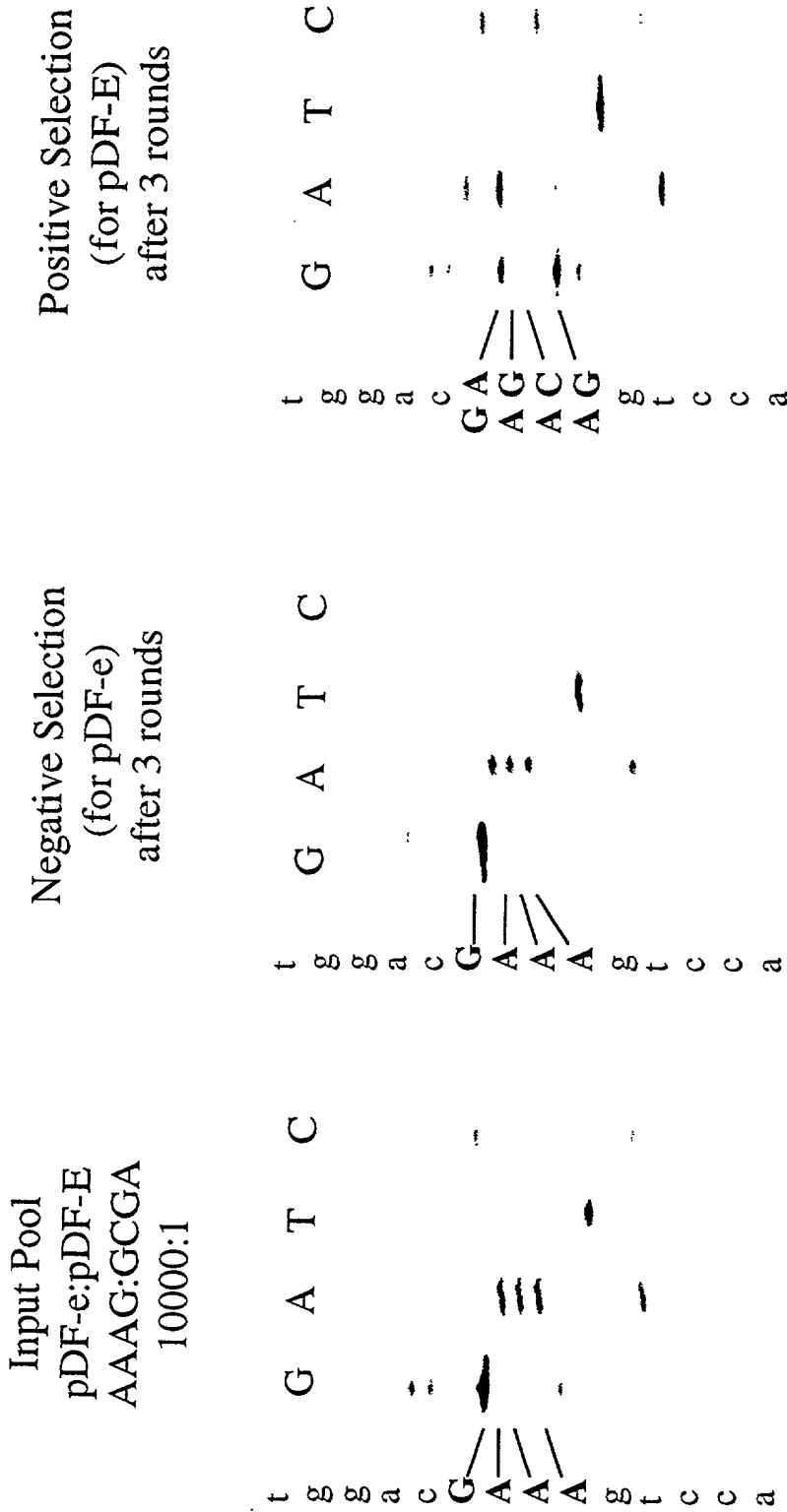
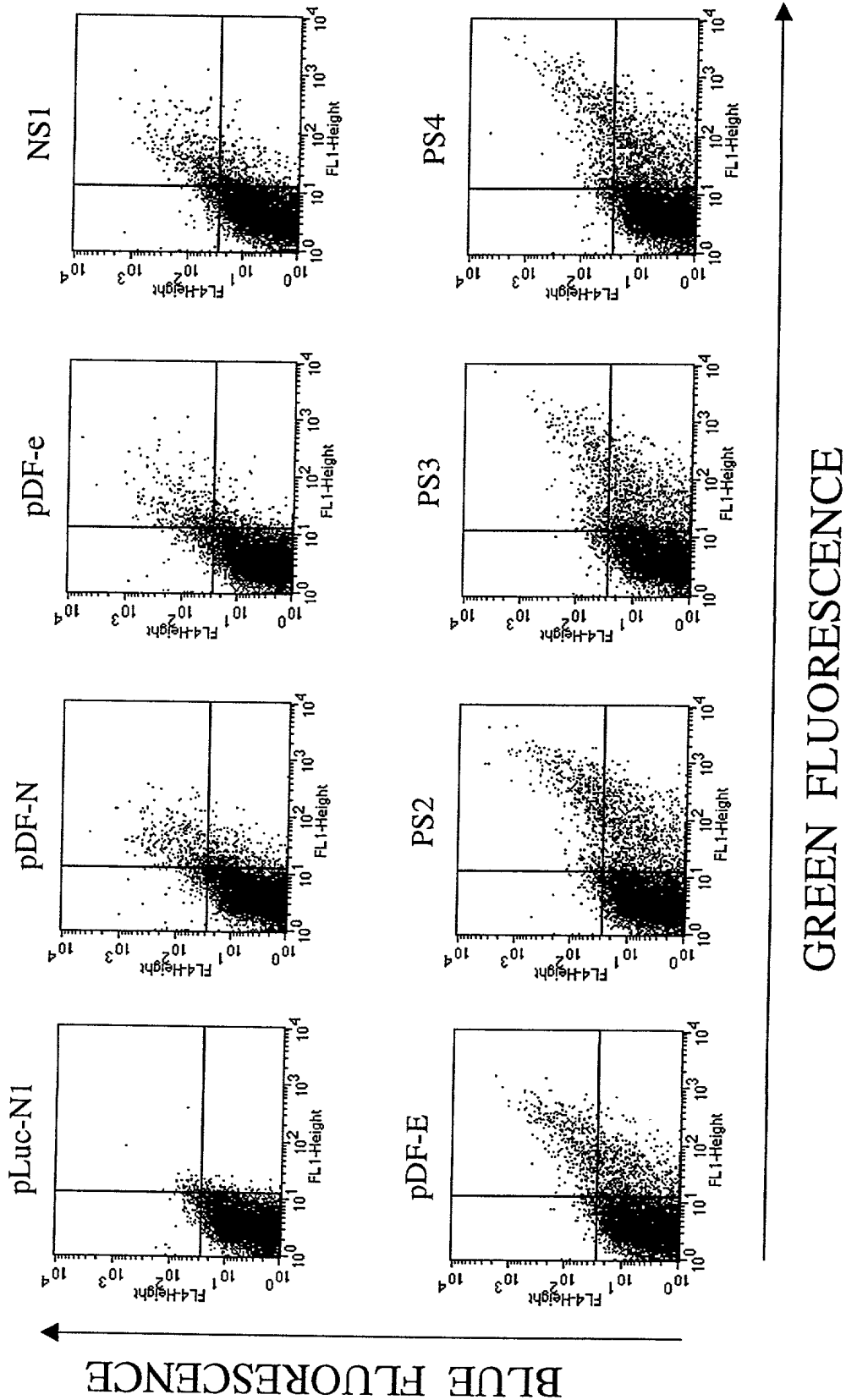


FIGURE 2b

Name Sequence

PS1 5' CACAGTACgTAAGCTTAAGCTAAGCgTAGATAAaggTATATTTTgCg3'
PS2 5' gAAATAGCTATCTCCATCACTgCACCCgAgACTACggTTgCgTgTCgT3'
PS3 5' TgACAAACTgTACATgCCgTTAACTgTAATTTgCgTgATTTTTTgTAG3'
PS4 5' AggTggTAGCCgCAAACATAGTTCAATACAAACTTgCTgTCTCggCgg3'
PS5 5' AggCAGTATAATCAgTTCCCAACATAGAAAACCAGgACTgTATCAAAAgTgT3'

FIGURE 2C



old

FIGURE 3

FIGURE 4a

B

220002063600

emcv
EMCV
MCS
NS1
PS4
PS3
PS2
PS1



LUC	0.77	1.3	1.7	1.7	0.98	1.0	1.4	0.16
CAT	0.93	1.0	1.0	0.98	0.92	1.0	0.76	0.63
LUC/CAT	0.82	1.3	1.7	1.7	1.1	1.0	1.9	0.25

FIGURE 4b

C

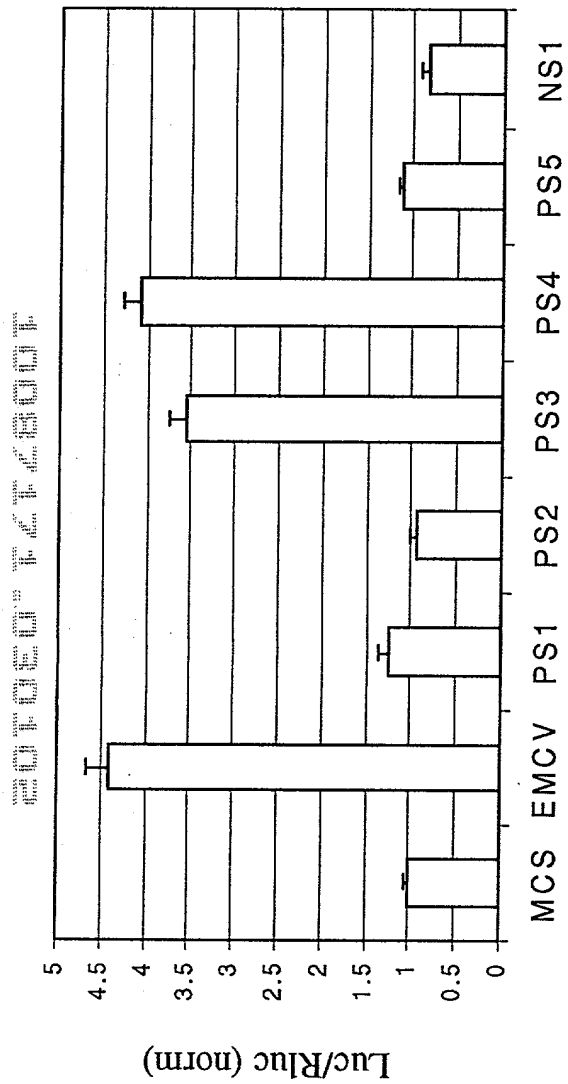


FIGURE 4c

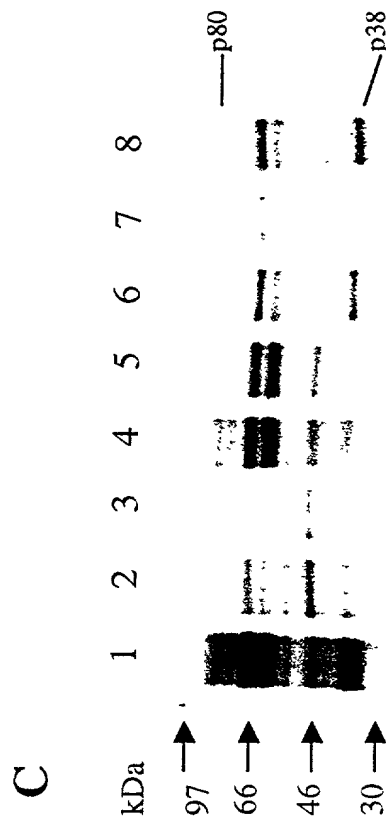
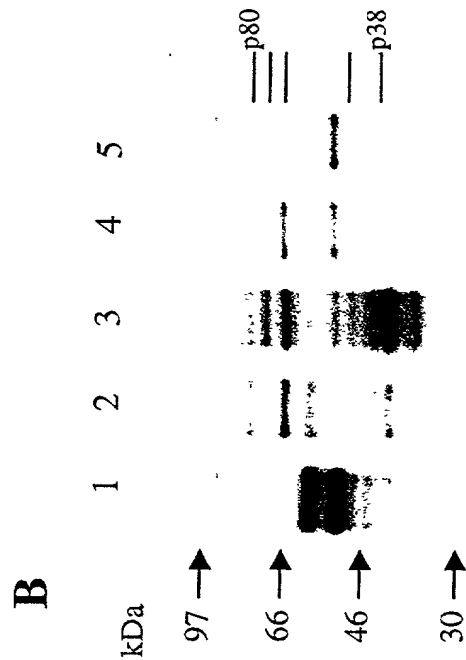
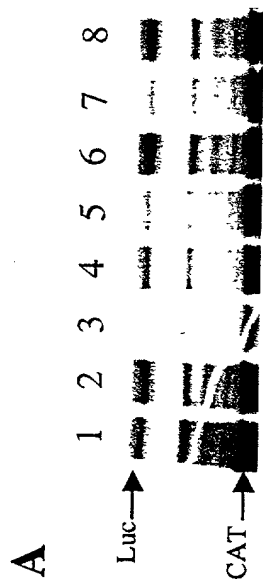


FIGURE 5

